



# BROKERAGE FOR HEALTH

## September 3-4 2018, Oslo

### Session 2



Cloud computing, IoT telemetry, big data and blockchain for healthy working and living

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(SME, Romania)

HEALTH-NCP-NET 2.0 project is funded by the European Commission





# Company expertise

- BEIA is a R&D performing SME, funded 1991, family owned, Total of 89 employees: 30 engineers, 10 technicians, 30 R&D employees (10 Prof, 5 PhD, 2 PhD candidate, 5 senior researchers, 8 junior researchers), 10 management, 6 marketing & sales, 3 medical doctors
- Experience in coordinating, participating and evaluating R&D projects (FP6, FP7, Structural Funds, H2020, ECSEL/Artemis, Eureka, Eurostars, Celtic, ITEA, COST, ERA-Net, Interreg, LIFE+, Erasmus+, MSCA, EaP Twinning, JTI, etc.), 21 on-going projects, 25 past-projects
- Expertise in development and validation of ICT platforms and mobile apps that will ensure smart and healthy environments by monitoring the indoor and outdoor environment and managing the environmental conditions on a personal level, using sensors (i.e. air quality) and other data sources (i.e. wearables, innovative ECG analysis for adult and fetus, breathing analysis, biopotential analysis), including Big Data analytics, GDPR, blockchain and AI in various domains



# Topic

- SC1-BHC-13-2019 Mining big data for early detection of infectious disease threats driven by climate change and other factors
- SC1-BHC-19-2019: Implementation research for maternal and child health
- SC1-BHC-22-2019: Mental health in the workplace
- SC1-BHC-28-2019: The Human Exposome Project: a toolbox for assessing and addressing the impact of environment on health
- SC1-DTH-01-2019: Big data and Artificial Intelligence for monitoring health status and quality of life after the cancer treatment
- SC1-DTH-05-2019: Large scale implementation of digital innovation for health and care in an ageing society
- SC1-DTH-10-2019-2020: Digital health and care services
- SC1-DTH-11-2019: Large Scale pilots of personalized & outcome based integrated care
- SC1-HCC-02-2019: Support for the large scale uptake of open service platforms in the Active and Healthy Ageing domain
- DT-TDS-01-2019: Smart and healthy living at home
- IMI2-2018-15-02: Blockchain Enabled Healthcare
- SC5-14-2019: Visionary and integrated solutions to improve well-being and health in cities

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# Project experience

- **eWALL** (Electronic Wall for Active Long Living)
- **SAFECARE** (SAFEguard of Critical heAlth infrastructure)
- **TORCH** (Development of an intelligent system support to reduce the risk of congenital infections)
- **ESTABLISH** (Environmental Sensing To Act for a Better quality of Life: Smart Health)
- **TERRA-RO** (Informatics system for real time analysis of risk factors for environment and public health)
- **EmoSpaces** (Enhanced Affective Wellbeing based on Emotion Technologies for adapting IoT spaces)
- **SWITCH** (Software Workbench for Interactive, Time Critical and Highly self-adaptive Cloud applications)
- **KidsPro** (Kids Protection)
- **A-WEAR** (A network for dynamic WEearable Applications with pRivacy constraints)
- **PARFAIT** (Personal dAta pRotection FrAmework for IoT interoperability)
- **WINS@HI** (Wearable IoT Network Solution for Work Safety in Hazardous Industrial Environments)
- **CarbaDetect** (Immuno-biosensors for fast detection of carbamic pesticide residues carbaryl and carbendazim in horticultural products)
- **Speech2Proces** (Smart, natural language semantic analyser platform to process oriented back-ends)
- **Chef2Plate** (Consumer Healthcare Formula Platform)

More details : [www.beiario.eu](http://www.beiario.eu)



## Contact details

Thank you!

## Contact details

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